REMARKS/ARGUMENTS

In response to the Examiner's FINAL Office Action of June 23, 2008 issued in relation to the present Patent Application, the Applicant submits Amendments to the claims, and the below Remarks.

Claims 1-5 are pending in the application. New claim 6 has been added to the application. Claim 1 is an independent claim.

Regarding 35 USC 103 Rejections

Claims 1-5 are rejected under 35 USC 103(a) as being unpatentable over Cook (US 6,158,850) in view of Drake et al. (US 5,192,959).

Claim 1 has been amended to more clearly define the invention. Claim 1 defines an inkjet printer cradle including a body and an integrated circuit assembly. The body is complementary to a removable inkjet cartridge, and includes a media feed system.

The removable inkjet cartridge has a pagewidth printhead, an ink supply, and a cartridge authentication device. The cartridge authentication device stores printing performance information of the printhead and cartridge authentication information. The media feed system of the body feeds media past the pagewidth printhead of the removable inkjet cartridge. It is noted that the printhead is part of the removable inkjet cartridge, whereas the media feed system is part of the body.

The integrated circuit assembly couples with the cartridge authentication device upon receipt of the removable inkjet cartridge by the body. The integrated circuit assembly authenticates the inkjet cartridge from the stored cartridge authentication information of the cartridge authentication device. The integrated circuit assembly further operates the media feed system at a media feed speed corresponding to the printing performance information of the printhead. The cradle and cartridge together form an inkjet printer.

Cook teaches an apparatus for preventing a user from refilling a base cartridge assembly 10 with ink from an incompatible secondary ink tank 12. The base cartridge assembly 10 has a printhead 13. The base cartridge assembly 10 is moved back and forth across a print media to print.

The base cartridge assembly 10 has base ink reservoir 20 from which ink is supplied to the printhead 13. The base ink reservoir 20 may be refilled from a secondary ink tank 12. To insure that incompatible inks are not mixed, the secondary ink tank 12 and the base cartridge assembly 10 each has a memory 30 and 28. The printer 11 reads the memories 28 and 30, and determines from the data read whether the ink in the secondary ink tank 12 is compatible with that in the base ink reservoir 20. If the ink is compatible, then a valve is opened to allow ink to flow from the secondary ink tank to the base ink reservoir.

The Examiner equates the base cartridge assembly 10 of Cook with the inkjet printer cradle defined in Claim. Applicant acknowledges that the base cartridge assembly 10 has a body which is complementary to the (removable) secondary ink tank 12.

However, claim 1 defines the removable inkjet cartridge to have a pagewidth printhead, an ink supply, and a cartridge authentication device. The secondary ink tank 12 of Cook does not have a pagewidth printhead. In Cook it is the base cartridge assembly 10 that has a printhead 13. Also, the memory 30 of the secondary ink tank 12 only stores ink compatibility information, and does not store performance information of the printhead.

Furthermore, claim 1 as amended defines the body of the cradle to include a media feed system to feeds media past the pagewidth printhead of the removable inkjet cartridge. In Cook the printer 11 moves the base cartridge assembly 10, which includes the printhead 13, over the media. Claim 1 requires the printhead to be part of the removable inkjet cartridge and the media feed system to be part of the body of the cradle. Cook fails to teach such an arrangement.

Claim 1 further defines the integrated circuit assembly to be part of the cradle. In Cook the printer electronics 27 is part of the printer 11, and not the base cartridge assembly 10 which the Examiner equates with the cradle defined in claim 1. Furthermore, claim 1 as amended also requires the integrated circuit assembly to operate the media feed system at a media feed speed corresponding to the printing performance information of the printhead. Cook fails to teach storing printer performance information and controlling a media feed speed based upon that information.

Drake, with the exception of a page width printhead, also fails to teach the features not taught by Cook. Accordingly, Cook in view of Dtake fails to teach all the features of independent claim 1. Claim 1, and claims 2-6 dependent on claim 1, are this allowable over the prior art of record.

CONCLUSION

It is respectfully submitted that all of the Examiner's rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

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